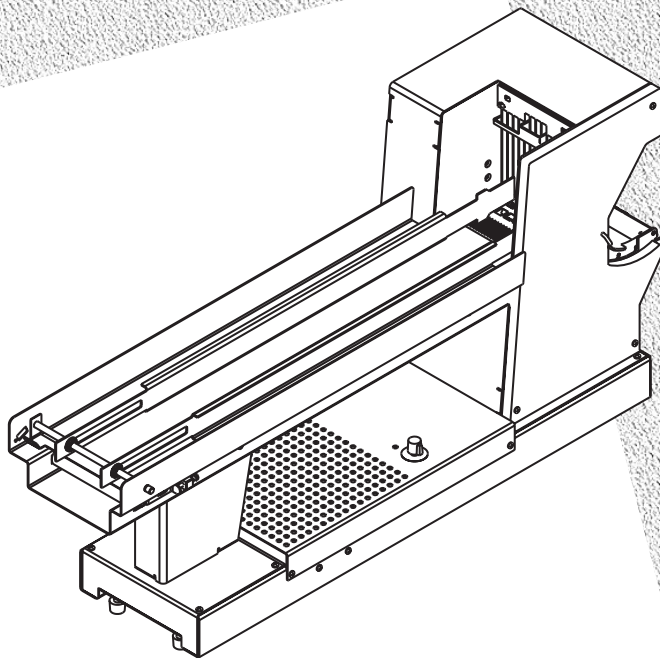


Operating Instructions

**Monarch®
932™ Stacker**



Each product and program carries a respective written warranty, the only warranty on which the customer can rely. Paxar Americas reserves the right to make changes in the product, the programs, and their availability at any time and without notice. Although Paxar Americas has made every effort to provide complete and accurate information in this manual, Paxar Americas shall not be liable for any omissions or inaccuracies. Any update will be incorporated in a later edition of this manual. ©2004 Paxar Americas, Inc. a subsidiary of Avery Dennison Corp. All rights reserved. No part of this publication may be reproduced, transmitted, stored in a retrieval system, or translated into any language in any form by any means, without the prior written permission of Paxar Corporation.

WARNING

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

CANADIAN D.O.C. WARNING

This digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la classe A prescrites dans le Règlement sur le brouillage radioélectrique édicté par le ministère des Communications du Canada.

Trademarks

Monarch®, 932, 9855, and 9860, are trademarks of Paxar Americas, Inc.
Paxar® is a trademark of Paxar Corporation.
Avery Dennison® is a trademark of Avery Dennison Corporation.

TABLE OF CONTENTS

GETTING STARTED.....	1-1
Unpacking the Stacker	1-1
Installing the Stacker	1-1
Step 1 - Installation for the 9860 Printer	1-2
Step 2 - Level the Stacker	1-3
Step 3 - Connect the Power Cord	1-4
Step 4 - Check the Alignment	1-5
Step 5 - Set the Tag Width	1-7
Step 6 - Set the Belt Speed.	1-8
HOW TO OPERATE	2-1
Re-Loading or Changing Supplies	2-2
Emptying the Stacker	2-2
Stacker Full	2-2
Stacker Running	2-3
Clearing a Tag Jam	2-3
Installing Riser Blocks	2-4
TROUBLESHOOTING	3-1
SPECIFICATIONS.....	A-1
Stacker	A-1
Supplies	A-2
Minimum Stacked Tag Dimensions	A-2

GETTING STARTED

1

The Monarch® 932™ stacker works with a Monarch® 9860™ printer. The stacker supports backfeed mode on the printer. There is no power ON/OFF switch for the stacker. Once the stacker is plugged into an outlet, it is on.

Unpacking the Stacker

- ◆ **Important:** After unpacking the stacker, look through all packaging material for parts. Keep all packaging material for future shipping.

Installing the Stacker

Use these instructions when you first install the stacker or when you need to move the stacker to a different location.

Before installing:

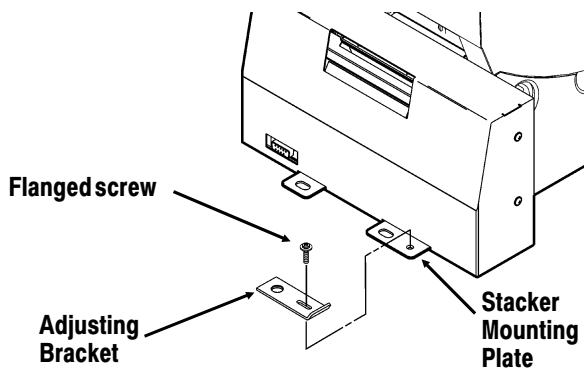
- ◆ Find a level work surface at least 52" x 22" (1321 mm x 559 mm).

The 9860 printer comes with a knife attached.

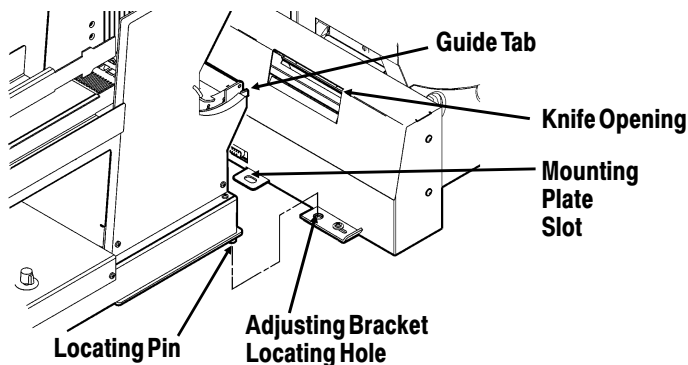
- ◆ Turn off the printer before you install the stacker.

Step 1 - Installation for the 9860 Printer

1. Locate the screw hole on the stacker mounting plate.



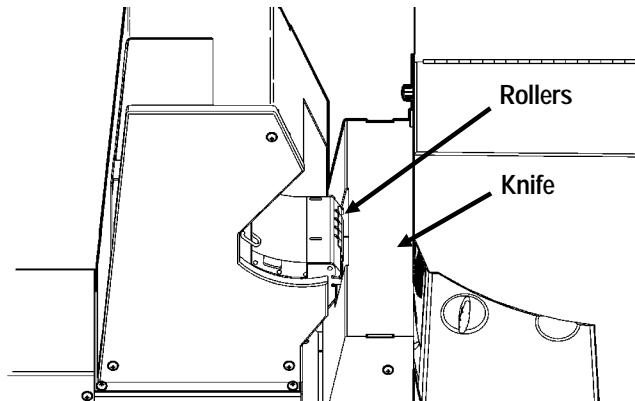
2. Attach the adjusting bracket to the stacker mounting plate using a flanged screw as shown (do not tighten all the way).



3. Gently lift stacker and center the guide tabs in the knife opening.
4. Set the stacker locating pins (on bottom of stacker) firmly in the adjusting bracket locating hole and mounting plate slot.
5. Tighten the adjusting bracket flanged screw.
6. Connect the stacker cable to the knife.

Step 2 - Level the Stacker

1. Check the distance between the rollers and the knife. Make sure the rollers are not touching the front of the knife or too far from the knife. If incorrect, follow the steps below. If correct, skip this step and move on to Step 3 - Connect the Power Cord.



The ideal position for the stacker is with the end of tray slightly down.

2. Loosen the locking nuts with a wrench.
3. Make sure the stacker's feet are flat on a level surface.

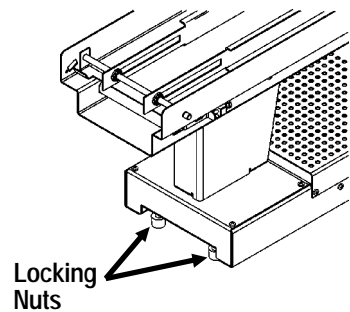
You can raise or lower the feet by turning them.

4. Evenly adjust both feet.

If the stacker is

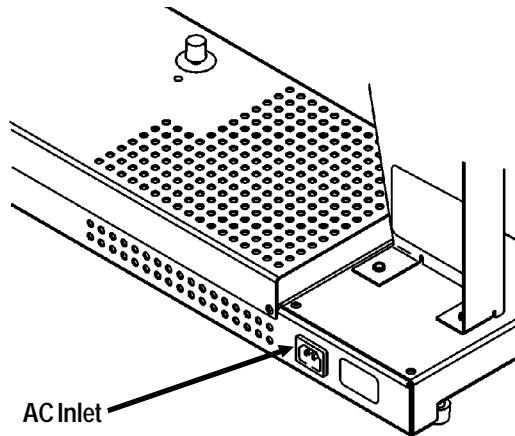
- ◆ touching the knife case, lower the feet.
- ◆ too far from the knife, raise the feet.

5. Tighten the locking nuts.



Step 3 - Connect the Power Cord

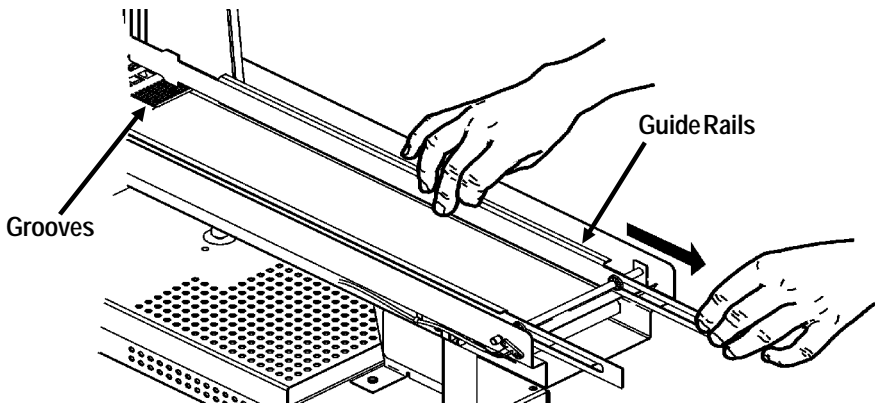
1. Plug the power cord into the stacker's AC inlet.



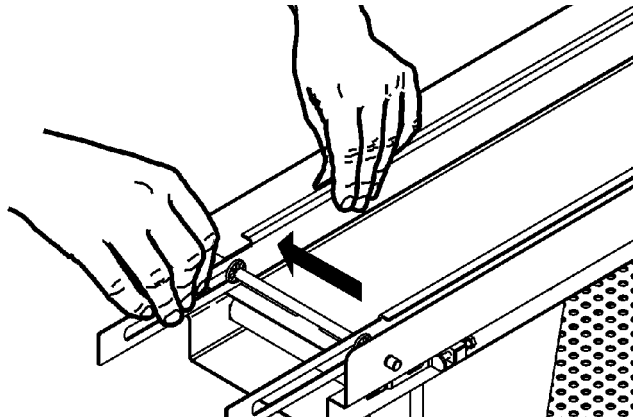
2. Plug the other end of the power cord into a grounded outlet. Once the power cord is attached to an outlet, the stacker is on. There is no power ON/OFF switch for the stacker.

Step 4 - Check the Alignment

1. Load supply in the printer. For more information about loading supply, refer to the printer's Operator's Handbook or Quick Reference.
2. Set aside the tag weight.
3. Widen the guide rails to maximum width by pulling and extending the guide rails out of the grooves at the bottom of the tray.

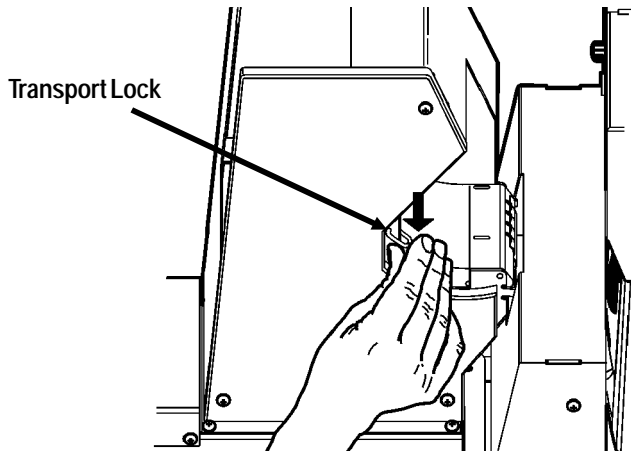
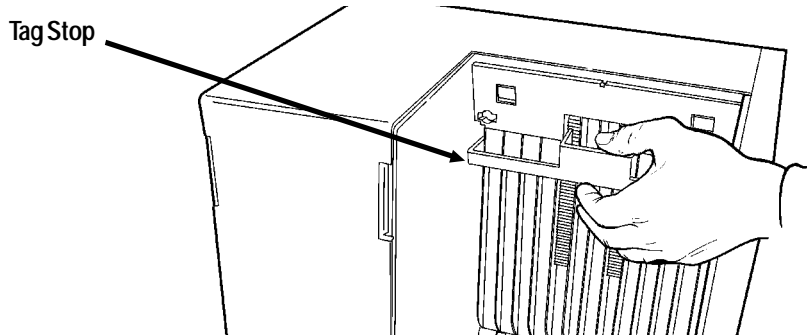


4. Slide the rod ends of guide rails by using both hands to the outer position.



5. Move tag stop up and down by using your thumb to pull out slightly on the release tab and lift up until it stops.

Adjust the tag stop to the length of the tags.



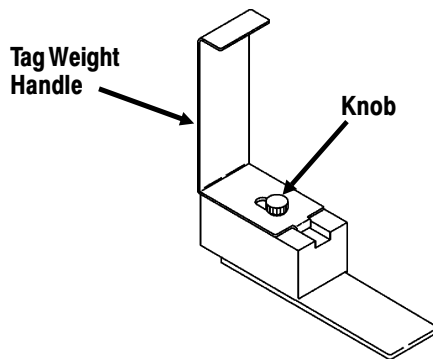
6. Make sure the transport lock handle is in the locked position.
7. Make sure supply is loaded and the printer is turned on.
8. Press the **Feed** or **Cut** button on the printer or keyboard several times.

The supply should feed through the knife and tags should be cut and placed in the stacker tray.

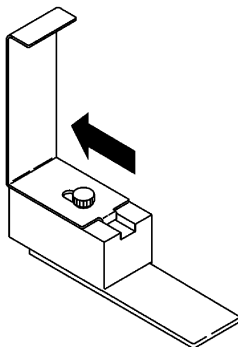
9. Use the cut tags as a guide and adjust the guide rails back into the grooves so that they are barely touching the sides of the tag.

Step 5 - Set the Tag Width

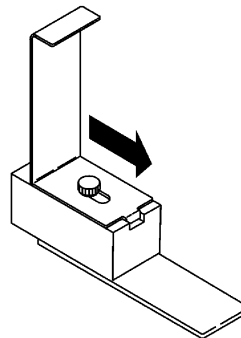
1. Set aside the tag.
2. Locate the tag weight.
3. Unlock the tag weight handle by turning the knob counterclockwise.



4. Determine what length tags are being used and adjust the handle to the following:

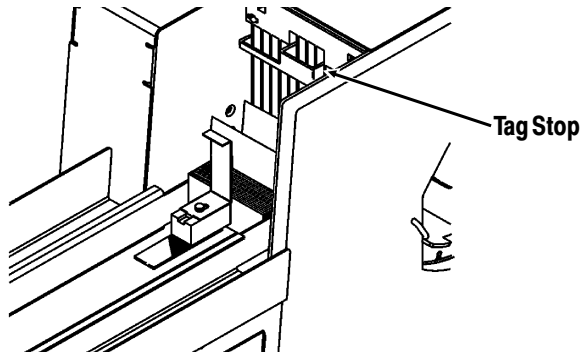


Tags 1.6" or longer



Tags 1.6" or shorter

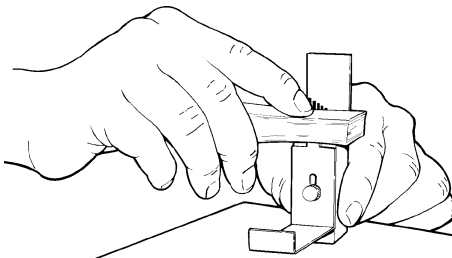
5. Tighten the knob.
6. Place the tag weight against the tag stop.



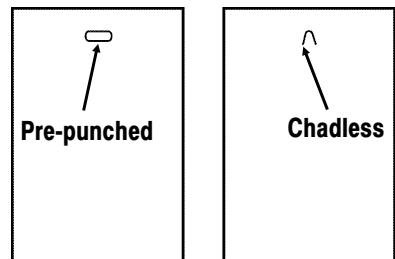
7. Print a test batch of 50 tags. The stacker's LED is on when tags are moving through the stacker.

Step 6 - Set the Belt Speed.

1. Stack the tags in your hand.
2. Hold the stack against the tag gauge on the tag weight.



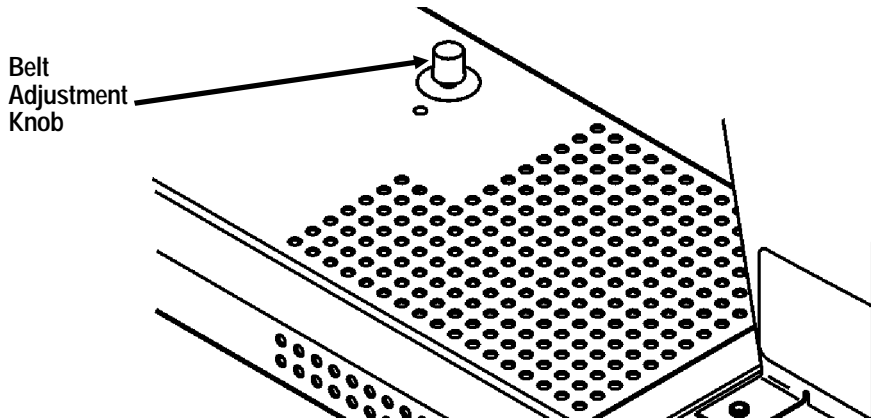
Tag Samples



If you are using pre-punched or chadless tags, hold the unpunched part of the tag against the gauge.

The bar closest to the top of the stack is the number for the belt adjustment.

3. Turn the belt adjustment knob to the number from the stack.

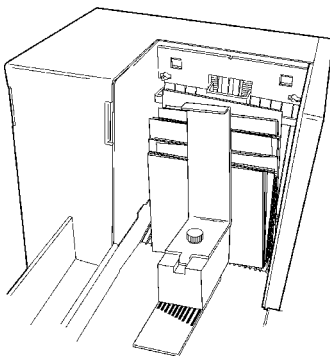


4. Print another test batch of 50 or more. The stacker's LED is on when tags are moving through the stacker.

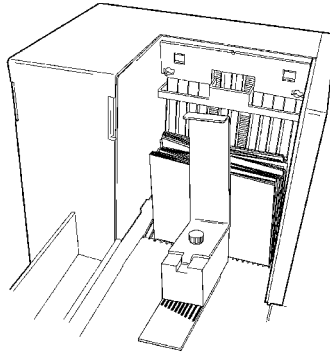
Look at how the tags sit in the stacker tray.

If the tags are too:

- ◆ Tight, turn the belt speed to a higher setting (higher number).
- ◆ Loose, turn the belt speed to a lower setting (lower number).



Tags are too tight



Tags are too loose

HOW TO OPERATE

2

This chapter describes how to

- ◆ re-load and change supplies
- ◆ empty the stacker tray
- ◆ clear a tag jam
- ◆ install verifier riser blocks

Re-Loading or Changing Supplies

If you run out of supplies while printing, the printer display or keyboard shows a 756 status code.

1. Press the **Feed** button to feed the last tags into the stacker.
2. Load a new roll of supplies. For more information on loading supplies, refer to the printer's Operator's Handbook or Quick Reference.

If you are switching to a different supply type,
you will need to reset the belt speed.
See Chapter 1.

3. Press the **Escape** button to clear the status code.
4. Press the **Feed** button (once or several times, depending on the tag's length) to feed a tag through the knife and into the stacker tray.
5. Continue printing.

Emptying the Stacker

You can empty the stacker while it is running, or wait until it is full. When the stacker is full, a sensor at the end of the tray stops the printer. The printer or keyboard shows a 761 status code on the display.

Stacker Full

1. Empty the stacker tray.
2. Place the tag weight against the tag stop.
3. Press the **Escape** button on the printer to clear the status code.
4. Continue printing.

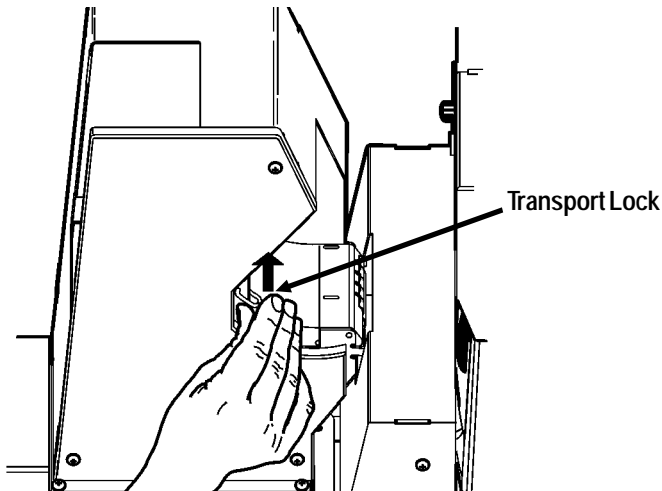
Stacker Running

1. Pick up some of the tags in front of the tag weight.
2. Move the tag weight against the stack. Try not to push or compress the stack.
3. Continue to remove tags.

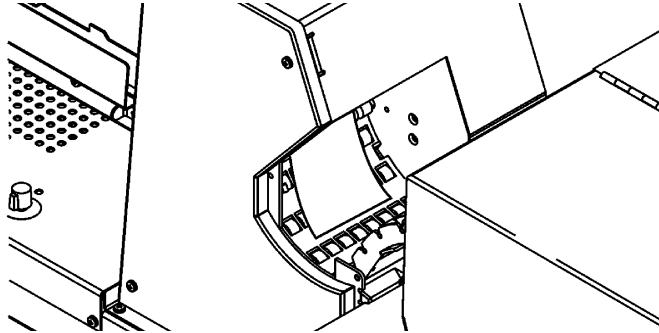
Clearing a Tag Jam

If a tag jams inside the stacker, the printer and stacker automatically stops. The printer display or keyboard shows a 761 status code.

1. Check to see if the guide rails and tag stop are set for the width and length of the tag. See Chapter 1.
2. Turn the transport lock handle up halfway and pull it completely out.



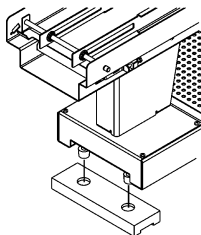
3. Use the tab to lift the transport. Check for tags.



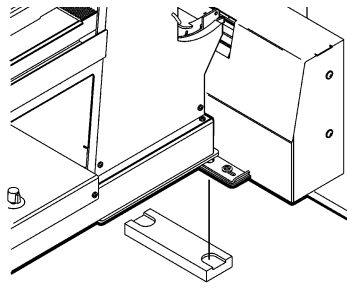
4. Remove the tags.
5. Lower the transport.
6. Replace the transport lock handle. Make sure it is completely in the hole at the back of the stacker. Turn the handle down to lock.
7. Press the **Escape** button to clear the status code.
8. Continue printing.

Installing Riser Blocks

Install riser blocks as shown when using a printer and stacker with a verifier. Make sure stacker feet seat securely in the riser blocks.



Front of stacker, hole side goes up



Rear of stacker, slotted side goes up

TROUBLESHOOTING

3

Problem	Action
Stacker Full or 760 Warning Status Code	<ol style="list-style-type: none">1. Empty the stacker tray.2. Place the tag weight against the tag stop.3. Press the Escape button to clear the status code.4. Continue printing. The stacker may not be plugged into an outlet. Verify the power connection.
Stacker Jam or 761 Status Code	See Chapter 2, "Clearing a Jam" for more information. If the jam is not inside the stacker, check inside the knife or printer.
Stacker does not work.	Make sure the stacker is turned on and is properly connected to the printer. See Chapter 1, "Getting Started" for more information.
Tags are stacked too loosely.	Empty the stacker tray. Turn the adjustment knob to a lower setting. Adjust the guide rails and tag stop to the width and length of the tags.
Tags are stacked too tightly.	Empty the stacker tray. Turn the adjustment knob to a higher setting.
Tags are not stacking level or even.	Adjust the guide rails and tag stop to the width and length of the tags.
Tags rub against the side guide rails.	The guide rails are too close to the tag. Adjust the guide rails.
Tags have nicked corners.	Adjust the guide rails to the width of the tags. See Chapter 1, step 4 for more information.
The guide rails will not stay in place.	Make sure the guide rails are in the grooves at the bottom of the tray. See Chapter 1 for more information.

Call Service and Support for more information.

SPECIFICATIONS

A

Stacker

Height:	14 inches (355.6 mm)
Depth:	7.9 inches (201 mm)
Base Width:	24 inches (609.6 mm)
Tag Bed:	29.6 inches long (752 mm)
Weight:	18 lbs. (8.2 kg)
Shipping Weight:	30 lb. (13.6 kg)
Power:	115 Vac, 60Hz, 100 Vac, 50/60 Hz, 230 Vac, 50Hz
Operating Limits:	For Thermal Transfer (ribbon) 40° to 95° F (4° to 35° C) For Thermal Direct 40° to 104° F (4° to 40° C)
Storage Limits:	15° to 120° F (-9° to 49° C)
Humidity:	Operating and Storage 5% to 90% non-condensating
Stacking Capacity:	2000 tags .010 inches (.25 mm) thick

Supplies

Thickness: .007 inches (.18 mm) minimum
.012 inches (.30 mm) maximum

Widths: 1.2 inch (30 mm) minimum
4.0 inches (102 mm) maximum

Lengths: 1.2 inches (30 mm) minimum
3.66 inches (93 mm) maximum

Minimum Stacked Tag Dimensions

**If a tag is printed
width wise:** 1.63 inches by 1.2 inches
(41 mm by 30 mm)

**If a tag is printed
length wise:** 1.2 inches by 1.57 inches
(30 mm by 40 mm)

Visit **www.paxar.com** for sales, service,
supplies, information, and telephone numbers
for our locations throughout the world.

TOLL FREE:
1-800-543-6650 (In the U.S.A.)
1-800-363-7525 (In Canada)